COMPANTION ...
Invertible avid K. YEE

Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 1 of 13

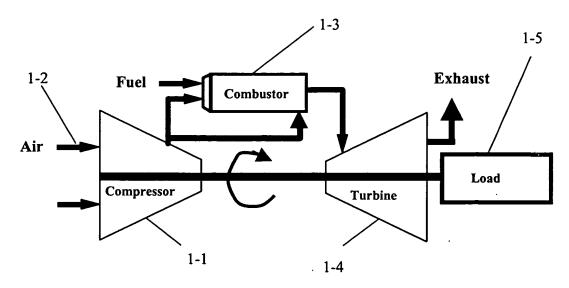


Fig 1 (PRIOR ART)

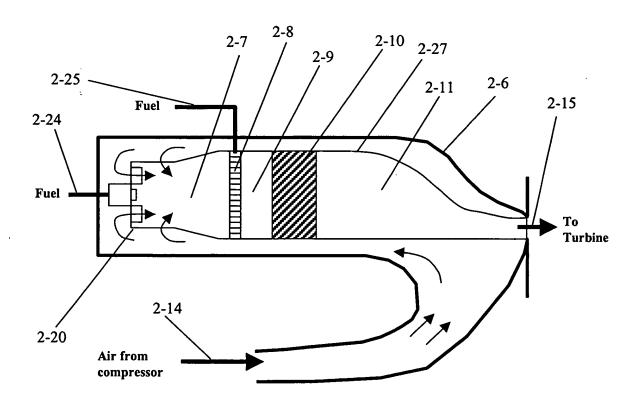


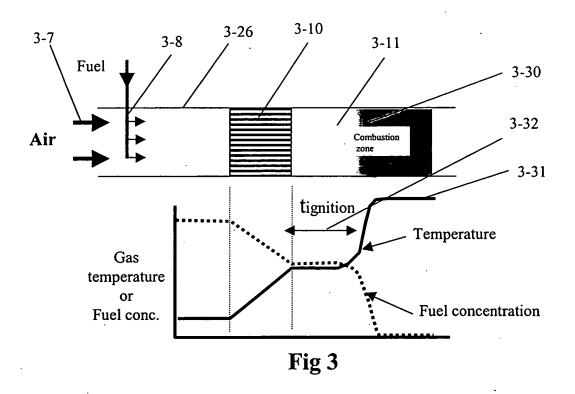
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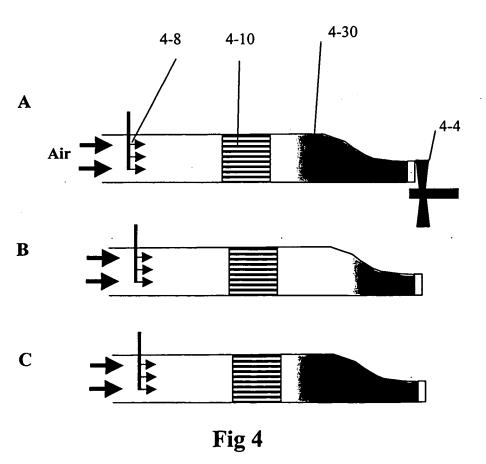
COMPOSITION ...
Invertible David K. YEE

Application No.: To Be Assigned

Docket No.: 220772009600

Sheet 2 of 13

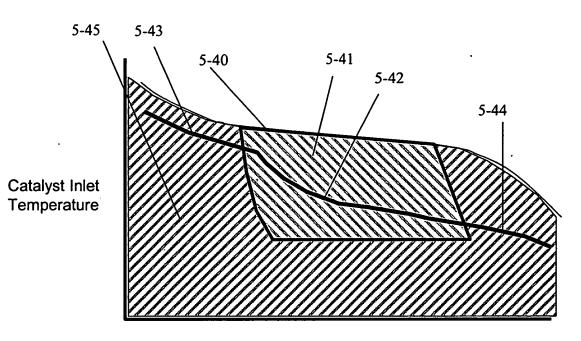




COMPOSTION ...
Investigation David K. YEE

Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 3 of 13



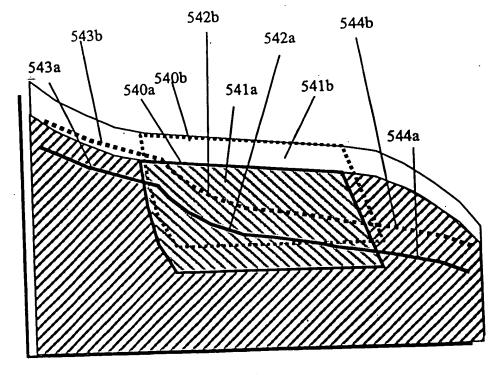
Fuel air ratio

Fig 5A

SUSTION ... : David K. YEE Application No.: To Be Assigned

Docket No.: 220772009600

Sheet 4 of 13



Catalyst Inlet Gas Temperature

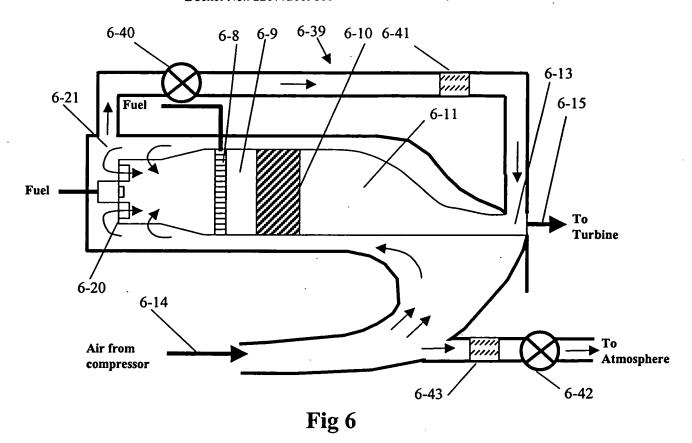
Fuel air ratio

Fig 5B

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Application No.: To Be Assigned Docket No.: 220772009600

Sheet 5 of 13



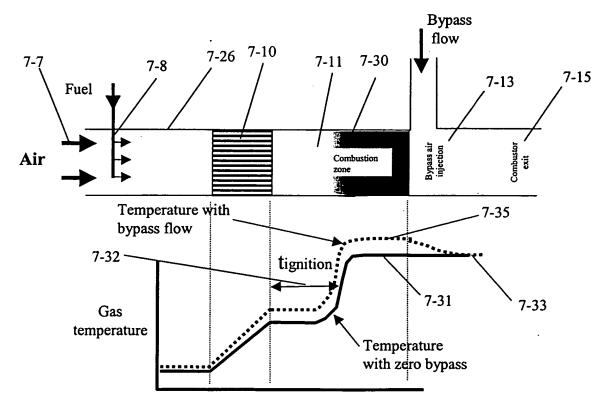


Fig 7

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Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 6 of 13

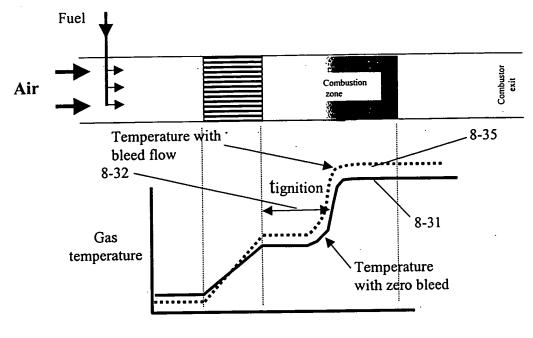


Fig 8

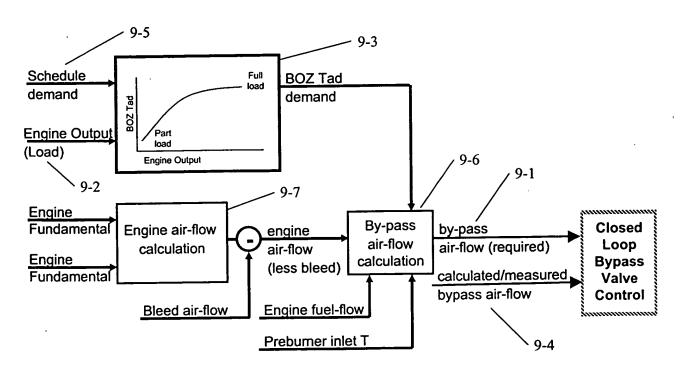
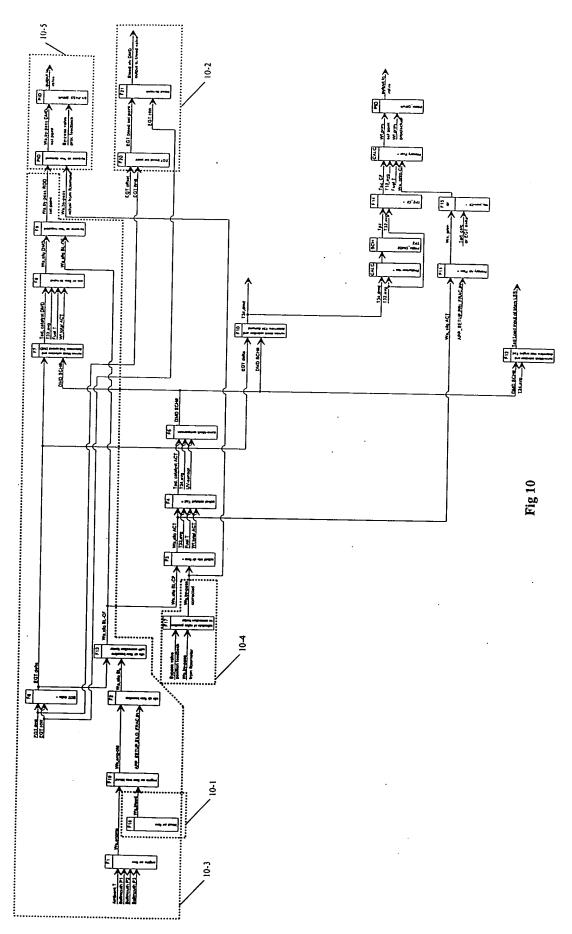


Fig 9

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Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 7 of 13



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Application No.: To Be Assigned

Docket No.: 220772009600

Sheet 8 of 13

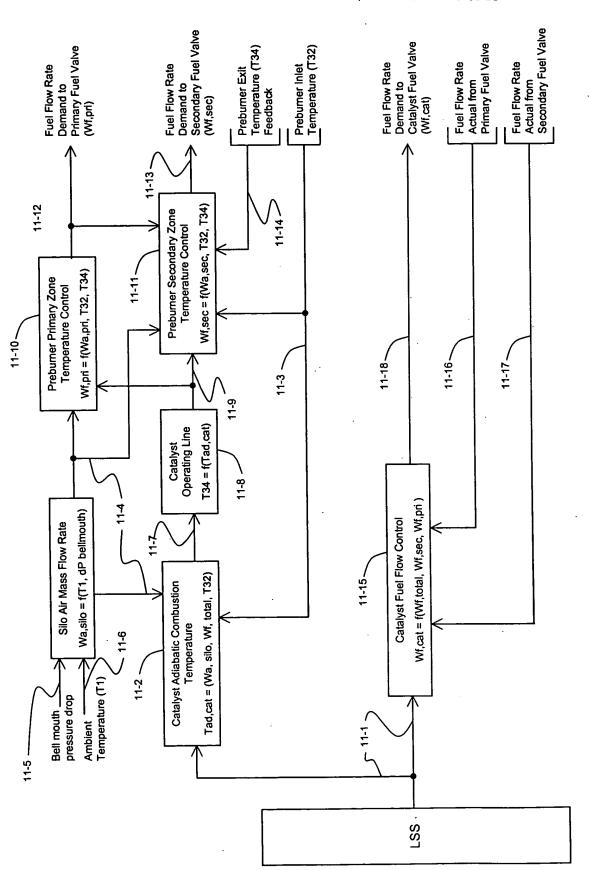


Figure 11: Basic Control with T34 vs Tad (F/A) schedule - PRIOR ART

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Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 9 of 13

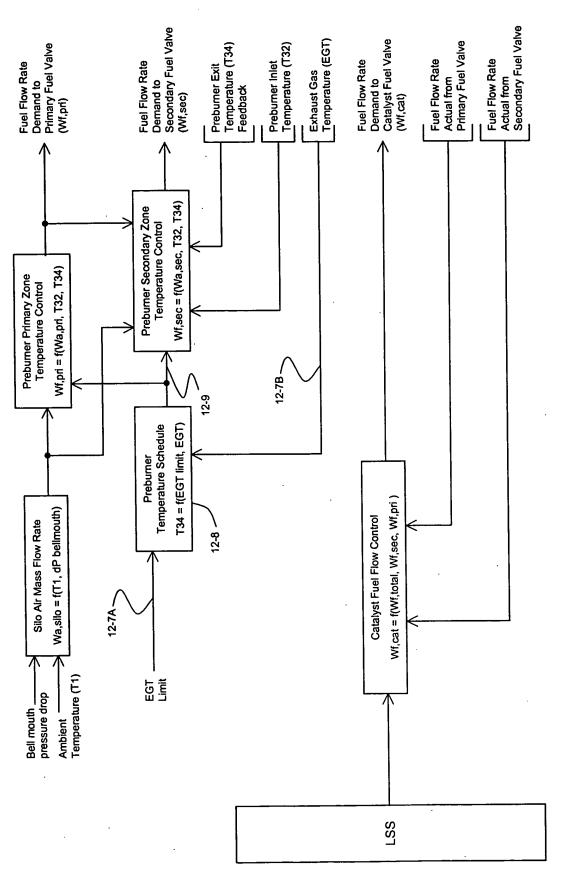
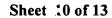


Figure 12: Basic Control with T34 vs delta EGT schedule

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Application No.: To Be Assigned

Docket No.: 220772009600



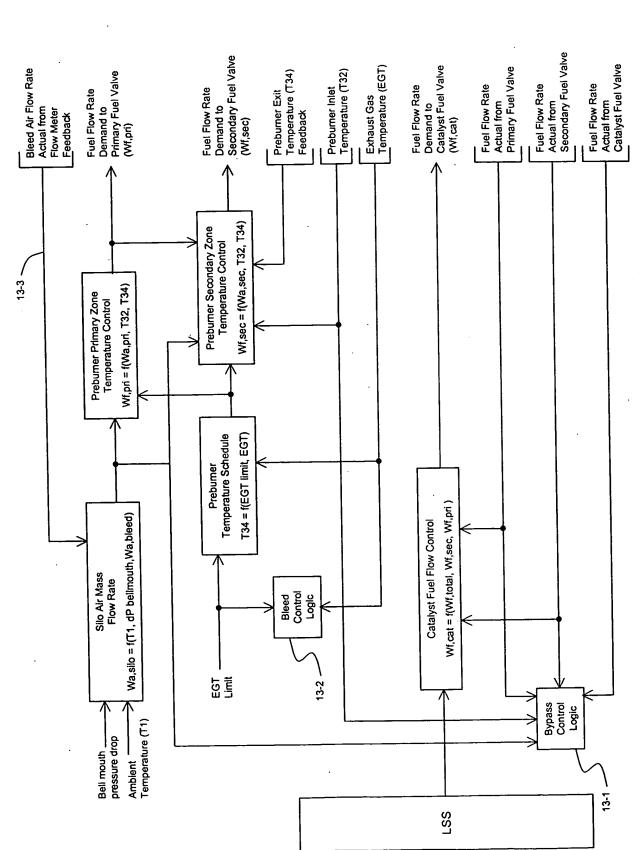


Figure 13: Control with Bypass and Bleed Valves

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Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 11 of 13

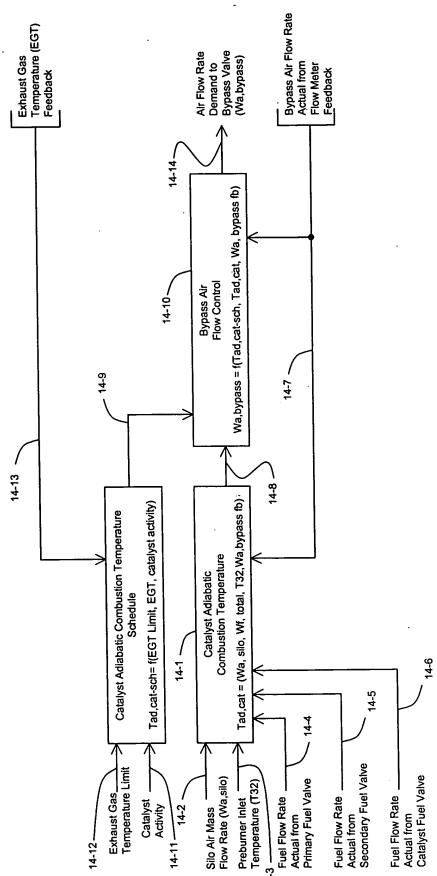


Figure 14: Bypass Control Logic Details

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Application No.: To Be Assigned

Docket No.: 220772009600

**Sheet 12 of 13** 

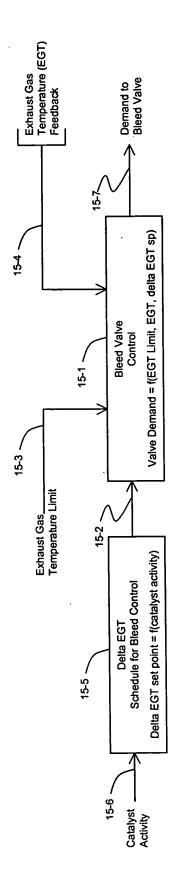


Figure 15: Bleed Control Logic Details

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Application No.: To Be Assigned

Docket No.: 220772009600 Sheet 13 of 13

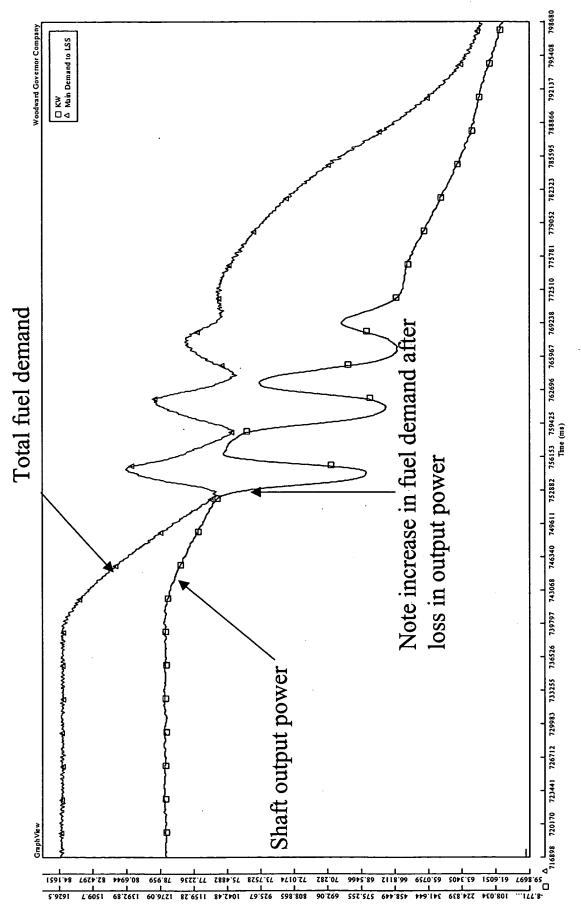


Figure 16: Output power cycles resulting from the loss and re-establishing of the homogeneous combustion process wave.